FORM PTO-1449 (REV. 7-85) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO. 60163 USPCT
APPLICATION NO. 10/505,315
APPLICANT SHEN et al.
FILING DATE: August 19, 2004
Confirmation No.
Group 1638

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AK	AA	5,877,012	3/2/99	Estruch, et al.	435	252.3	
	AB	6,107,279	8/22/00	Estruch, et al.	514	12	
	AC	6,137,033	10/24/00	Estruch, et al.	800	302	
	AD	6,291,156	9/18/01	Estruch, et al.	435	4	
AK	AE	6,174,860	1/16/01	Kramer et al.	514	12	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
AK	AF	WO 98/00546	01/08/1998	WIPO	C12N	15/32	☐	☒
	AG	WO 99/57282	11/11/1999	WIPO	C12N	15/32	☐	☒
	AH	WO 98/18932	05/07/1998	WIPO	C12N	15/32	☐	☒
	AI	WO 99/33991	07/08/1999	WIPO	C12N	15/09	☐	☒
	AJ	WO 98/44137	10/08/1998	WIPO	A01H	5/00	☐	☒
	AK	WO 97/46105	12/11/1997	WIPO	A01N	63/00	☐	☒
AK	AL	WO 02/078437	10/10/2002	WIPO	A01N	63/00	☐	☒

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AK	AM	Estruch, et al., 1996, Proceedings National Academy of Science, *Vip3, a novel Bacillus thuringiensis vegetative insecticidal protein with a wide spectrum of activities against lepidopteran insects*, 93: 5389-5394
	AN	Selvapandiyan, A. et al., 2001, Applied and Environmental Microbiology, *The Bacillus thuringiensis Toxicity Analysis of N- and C-terminus-deleted Vegetative Insecticidal Protein From Bacillus thuringiensis*, 67 (12), 5855-5858 (2001)
	AO	Yu, et al., 1997, Applied and Environmental Microbiology, *The Bacillus thuringiensis Vegetative Insecticidal Protein Vip3 A Lyses Midgut Epithelium Cells of Susceptible Insects*, 63: 532-536.
	AP	Loguercio et al. First-tier screening for Vip-derived activities in tropical Bacillus thuringiensis strains by PCR and feeding bioassays: A critical assessment. GenBank Database [online], (July 11, 2001), Accession No. AAK97481
AK	AQ	Loguercio et al. First-tier screening for Vip-derived activities in tropical Bacillus thuringiensis strains by PCR and feeding bioassays: A critical assessment. GenBank Database [online], (July 11, 2001), Accession No. AAK97482

EXAMINER	/Anne Kubelik/	DATE CONSIDERED	01/12/2007

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

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AK	AR	Loguercio et al. First-tier screening for Vip-derived activities in tropical Bacillus thuringiensis strains by PCR and feeding bioassays: A critical assessment. GenBank Database [online], (July 13, 2001), Accession No. AAK97484
	AS	Loguercio et al. First-tier screening for Vip-derived activities in tropical Bacillus thuringiensis strains by PCR and feeding bioassays: A critical assessment. GenBank Database [online], (July 13, 2001), Accession No. AAK97485
	AT	Loguercio et al. First-tier screening for Vip-derived activities in tropical Bacillus thuringiensis strains by PCR and feeding bioassays: A critical assessment. GenBank Database [online], (July 14, 2001), Accession No. AAK97486
	AU	Loguercio et al. First-tier screening for Vip-derived activities in tropical Bacillus thuringiensis strains by PCR and feeding bioassays: A critical assessment. GenBank Database [online], (July 11, 2001), Accession No. AAK97487
	AV	Doss et al. Cloning and expression of the vegetative insecticidal protein (vip3V) gene of Bacillus thuringiensis in Escherichia coli. GenBank Database [online], (April 23, 2001, Accession No. AF373030.
	AW	Cai et al. Vegetative insecticidal protein gene vip83 from Bacillus thuringiensis servar leesis strain YBT-833. GenBank Database [online], (July 08, 2001), Accession No. AY044227.
	AX	Yu et al. Cloning and expression of Vip3A gene from Bacillus thuringiensis strain S10-1. GenBank Database [online], (January 17, 2002), Accession No. AY074706.
	AY	Chen et al. Cloning and expression of Vip3A gene from Bacillus thuringiensis strain S10-1. GenBank Database [online], (January 17, 2002), Accession No. AY074707.
AK	AZ	Chen et al. Cloning and expression of Vip3A gene from Bacillus thuringiensis strain S10-1. GenBank Database [online], (January 17, 2002), Accession No. AY074708.

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